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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hooman Honary et al.

Title: HETEROGENEOUS BUILDING BLOCK SCALABILITY

Docket No.: 80107.115US1  
Filed: March 30, 2004  
Examiner: Unknown

Serial No.: 10/813,226  
Due Date: N/A  
Group Art Unit: 2183

**MS Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard and this transmittal document.
- ☒ An Information Disclosure Statement (2 pgs.), Form 1449 (2 pgs.), and copies of 6 cited documents.

Customer Number: 45445

By Dana B. LeMoine  
Dana B. LeMoine  
Reg. No. 40,062

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 11 day of August, 2006.

Kyrstin Ryan  
Name

Kyrsti Ryan  
Signature

(GENERAL)



10/813,226

PATENT

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Serial No.:	10/813,226	Group Art Unit:	2183
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**INFORMATION DISCLOSURE STATEMENT**

**MS Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the referenced materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign

**INFORMATION DISCLOSURE STATEMENT**

Serial No :10/813,226

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patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

Respectfully submitted,

HOOMAN HONARY ET AL.

By their Representatives,

**Customer Number: 45445**

Telephone Number: 952-473-8800

Date August 11, 2006

By

Dana B. LeMoine

Dana B. LeMoine

Reg. No. 40,062

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 11 day of August, 2006.

Kyrstin Ryan  
Name

Kyrsti Ryan  
Signature



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete If Known</b>	
				<b>Application Number</b>	10/813,226
				<b>Filing Date</b>	March 30, 2004
				<b>First Named Inventor</b>	Honary, Hooman
				<b>Art Unit</b>	2183
				<b>Examiner Name</b>	Unknown
Sheet	1	of	2	Attorney Docket No: 80107.115US1	

US PATENT DOCUMENTS					
Examiner Initial *	Cite No	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
		US-20040194048A1	09/30/2004	Arnold, J. M.	03/31/2003
		US-20050149890A1	07/07/2005	Tsai, V. W., et al.	12/29/2003
		US-20050193357A1	09/01/2005	Honary, H. et al.	02/27/2004
		US-20050229139A1	10/13/2005	Tsai, V. W., et al.	03/30/2004
		US-20050229140A1	10/13/2005	Tsai, V. W., et al.	03/31/2004
		US-5128871	07/07/1992	Schmitz, N. A.	03/07/1990
		US-6038386	03/14/2000	Jain, G.	08/21/1997
		US-6112023	08/29/2000	Dave, B. P., et al.	02/17/1998
		US-6195788	02/27/2001	Leaver, A. et al.	10/09/1998
		US-6226735	05/01/2001	Mirsky, E. A.	05/08/1998
		US-6298319	10/02/2001	Heile, F. B., et al.	08/26/1999
		US-6941538	09/06/2005	Hwang, L. J., et al.	02/22/2002
		US-7073159	07/04/2006	Tsai, V. W., et al.	03/31/2004

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>
	WO-05094016A2	10/06/2005	Honary, H. , et al.	
	WO-2005094016A3	10/06/2005	Honary, H.	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete If Known</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/813,226</td> </tr> <tr> <td>Filing Date</td> <td>March 30, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Honary, Hooman</td> </tr> <tr> <td>Art Unit</td> <td>2183</td> </tr> <tr> <td>Examiner Name</td> <td>Unknown</td> </tr> </table>		Application Number	10/813,226	Filing Date	March 30, 2004	First Named Inventor	Honary, Hooman	Art Unit	2183	Examiner Name	Unknown
Application Number	10/813,226														
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Examiner Name	Unknown														
Sheet	2	of	2	Attorney Docket No: 80107.115US1											

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
		<u>International Search Report and Written Opinion of the International Searching Authority; Dated 12/06/2005; PCT/US2005/010387, 16 pgs.</u>		
		ALBANESI, M. G., et al., "A VLSI 128-Processor Chip for Multiresolution Image Processing", <u>Proceedings of the First International Conference on Ischia</u> , (May 02, 1994), 296-307 pgs.		
		MARESCAUX, T., et al., "Networks on Chip as Hardware Components of an OS for Reconfigurable Systems", <u>FIELD-PROGRAMMABLE LOGIC AND APPLICATIONS, 13TH INTERNATIONAL CONFERENCE</u> , Vol. 2778, (2003), 595-605 pgs.		
		ZHANG, et al., "Interconnect Architecture Exploration for Low-Energy Reconfigurable Single-Chip DSPs", <u>VLSI, 99, PROCEEDINGS, IEEE COMPUTER SOCIETY WORKSHOP ON ORLANDO, FL</u> , (April, 08, 1999), 2-8 pgs.		

EXAMINER

DATE CONSIDERED